



## Construction

<b>Conductor</b>	Stranded bare copper wires Cross sectional area: 0,22mm <sup>2</sup>
<b>Insulation</b>	PE (Polyethylene) Identification: Colours according to DIN 47100 (White+Brown, Green+Yellow, Grey+Pink)
<b>Assembly</b>	Twisted pairs laid up together
<b>Screen</b>	Copper wire braid
<b>Outer sheath</b>	PVC (Polyvinyl chloride) Colour: Violet according to DESINA

## Technical characteristics

<b>Operating voltage</b>	250 V (Peak voltage) *NOT suitable for power applications with direct connection to the mains power supply network.
<b>Test Voltage</b>	1500 V (conductor-conductor) 1000 V (conductor-screen)
<b>Operating T<sup>a</sup> (conductor)</b>	-30°C +70°C
<b>Min. bending radius</b>	10xD
<b>Conductor resistance</b>	87,6 Ohm/Km
<b>Mutual capacitance</b>	60 pF/m
<b>Characteristic Impedance</b>	120 Ohm ± 20% (64kHz) 100 Ohm ± 15% (1MHz)
<b>Insulation resistance</b>	5 GOhm*Km Min.
<b>Attenuation (dB/100m)</b>	1,5 at 0,256 MHz 2,4 at 0,772 MHz 5,2 at 4 MHz 8,4 at 10 MHz 11,2 at 16 MHz 11,9 at 20 MHz

## Application

Bus cable for data transmission systems (Interbus) in industrial processes in fixed installations

## Standards / Properties

<b>Reference standards</b>	UL/CSA Type CMX according to UL 444 and CSA C22.2 No. 214-02
<b>Flame Retardant</b>	IEC 60332-1-2 / UL-1581 VW-1



## Constructive data

Code	NxS (mm <sup>2</sup> )	Ø (mm)	Weight (kg/km)
35100057	3x2x0.22	7.40	72

### Legend

<b>Code</b>	Cervi codification
<b>NxS (mm<sup>2</sup>)</b>	Number of conductors x Section (mm <sup>2</sup> )
<b>Ø (mm)</b>	Aprox. outer diameter (mm)
<b>Weight (kg/km)</b>	Approximate cable weight (kg/km)